

Is the MA5800 optical module a transceiver integrated module



Overview

MA5800 is a high-performance XG-PON & GPON Combo PON Optical Transceiver Module designed specifically for use with Huawei MA5800 Series OLTs and compatible multi-vendor systems. It adheres to stringent industry V8 energy efficiency standard, featuring six-level dynamic energy-saving. The MA5800 alongside MPLS, PWE3, and diverse deployment needs. This makes it applicable to home access, enterprise. The MA5800 multi-service access device is a 4K/8K/VR-ready OLT in the gigabit ultra-broadband era. It supports the PON/10G PON/50G PON/GE/10GE shared platform. The MA5800 adopts the distributed architecture and supports multi-media gigabit aggregation, optimal 4K/8K/VR video experience. The MA5800 is the industry's first smart aggregation OLT with a distributed architecture. It is positioned as an OLT oriented to the ultra-gigabit era. GPON ONT HG8546M optical network terminal (ONT) is an indoor optical network terminal in FTTx solution. By using GPON technology, ultra-broadband access is achieved. The MA5800 functions as a large-capacity aggregation device on the network to aggregate the traffic from ONTs, MDUs, and campus switches, thereby simplifying the network architecture and reducing the OPEX. The MA5800 supports four types of subracks.

Article Content

Huawei MA5800 Series

EXECUTIVE SUMMARY The Huawei SmartAX MA5800 Series represents a paradigm shift in optical access network infrastructure, establishing a new benchmark for carrier-grade OLT (Optical Line

Five Key Trends of Co-Packaged Optics (CPO) in 2026

These pressures are driving renewed momentum behind co-packaged optics (CPO). According to LightCounting, sales of lasers and photonic integrated

Intel® Silicon Photonics

Today, the Intel Silicon Photonics Product Division is the volume market leader in Silicon Photonics, with over 8 million PICs and over 32 million on-chip integrated lasers shipped from our high-volume fabs

All-optical Access Platform OLT

The MA5800 multi-service access device is a 4K/8K/VR-ready OLT in the gigabit

Product Description

Product Overview The MA5800 is the industry's first smart aggregation OLT with a distributed architecture. It is positioned as the next-generation OLT for NG-PON. The product is designed to

MA5800 Boards Overview and Order Guide | ActForNet

The H901MPSC board can also function as the management and control core of the integrated network management system (NMS). It is applicable to the MA5800-X2 service subrack. It exchanges the key

MA5800-X17& X15& X7& X2 Product Datasheet

The MA5800 functions as a large-capacity aggregation device on the network to aggregate the traffic from ONTs, MDUs, and campus switches, thereby simplifying the network

The Ultimate Guide to Huawei MA5800 OLT Configuration:

The modern gigabit broadband era demands an optical line terminal (OLT) that transcends traditional chassis-based designs. The Huawei SmartAX MA5800 series,

MA5800-X7 | OLT | 2x MPLA, 2x PILA 10G Uplink modules

The MA5800 is the industry's first intelligent aggregation OLT with a distributed architecture that is positioned as the next generation OLT for NG-PON. The product is designed to help operators

Huawei MA5800 Optical Module Specs and Reference Guide

Huawei MA5800 optical module reference, Issue 35. Covers everything from SFP and eSFP all the way up to QSFP28 and the newer Symmetrical 50G-PON combo modules.

NVIDIA Corporation

1.6 Terabits Per Second Per Port Switches to Deliver 3.5x Energy Savings and 10x Resilience in AI Factories Joint Inventions and Collaborations

Nvidia's \$4B Photonics Venture: What You Need to Know

While AI cluster scaling continues to expand, traditional pluggable optical modules are facing physical limits in power consumption and density.

SmartAX MA5800

The SmartAX MA5800 can meet operator demands for a Gigaband network with wider coverage, faster broadband, and smarter connectivity. For operators, the

MA5800 Product Description

The MA5800 functions as a large-capacity aggregation device on the network to aggregate the traffic from ONTs, MDUs, and campus switches, thereby simplifying the network architecture and reducing

Smart NG-OLT

——The Huawei SmartAX MA5800 The SmartAX MA5800 multi-service access module is the industry's first smart NG-OLT. As a next-generation OLT that employs a distributed architecture, MA5800

All-optical Access Platform OLT

All-optical Access Platform OLT SmartAXMA5800 Best OLT Platform in the Gigabit Ultra-broadband Era The MA5800 series multi-service access device is the first OLT in the industry with distributed

MA5800 Huawei Brand New XGPON Combo OLT Class D transceiver

MA5800 is a high-performance XG-PON & GPON Combo PON Optical Transceiver Module designed specifically for use with Huawei MA5800 Series.

HUAWEI MA5800 X2

Huawei's SmartAX MA5800 multiple-service access module employs a distributed architecture to support ultra-broadband, Fixed Mobile Convergence (FMC) services, and smart capabilities, such as

HuaweiTech Issue 096

From a system composition perspective, a more integrated SDM system requires optimized component sizes including optical modules, optical amplifiers, OXC,

Huawei Smartax Ma5800 Series Olt's

The document provides specifications for the Huawei SmartAX MA5800 Multi-service Access Module in four models - MA5800-X17, MA5800-X15, MA5800-X7, and MA5800-X2. The specifications include

SmartAX MA5800 Datasheet

The industry's first 40 Gbit/s-capacity Next-Generation Optical Line Terminal (NG-OLT). Huawei's SmartAX MA5800 multiple-service access module employs a distributed architecture to support ultra

MA5800-X17& X15& X7& X2 Product Datasheet

PON Combo The MA5800 supports the PON combo technology, and can work with the built-in WDM1r optical module to support smooth evolution from GPON to XG(S)-PON.

Optical Network Equipment Out-of-Band Management

This document provides a comprehensive technical overview of the Optical Network Equipment Out-of-Band Management (OOB-M) solution. Designed for carrier-grade and enterprise network

MA5800 X2 OLT

The industry's first 40 Gbit/s-capacity Next-Generation Optical Line Terminal (NG-OLT). Huawei's SmartAX MA5800 multiple-service access module employs a distributed architecture to support ultra

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.sky-connect.co.za>

Email: info@sky-connect.co.za

Phone: +44 20 7946 0958

Address: 1 Cornhill, London EC3V 3ND, United Kingdom

This document is for informational purposes only. Specifications subject to change without notice.

